RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants

Date: 02-07-2020

To,

ASSISTANT EXECUTIVE ENGINEER

KODIGEHALLI SUB DIVISION,

BBMP

BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **IMPROVEMENTS TO ROADS AND DRAINS SANJEEVININAGARA IN WARD NO.07 BYATARAYANAPURA.**

Ref: 1. Work Order No: BBMP/EE/BTP/WO/149/2019-20

2. Job code: 007-20-000006

We are here with forwarding to Executive Engineer, Karnataka Rural Infrastructure development Ltd, #280, 59th Cross road, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagara, Bangalore-560 010. First & Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 66,35,445.24/- (Rs. Sixty Six Lakhs Thirty Five Thousand Four Hundred Forty Five and Twenty Four Paisa Only).

Thanking you,

Yours faithfully,

RUDRAPRASAD CONSULTANTS BANGALORE

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS

Attachments PMC Compliance report

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526
Web: www.arkengineers.com e-mail: rechan6630@yahoo.co.in

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NAME OF WORK:-Improvements to Roads and Drains Sanjeevininagara in Ward No.07 Byatarayanapura.

Name of Client	:	EXECUTIVE ENGINEER, BYATARAYANAPURA DIVISION,BBMP, BANGALORE
Contractor/ Agency:		Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010
Tender Contract Price		Rs 66,35,445.24/-
Date Of Inspection :		02-07-20
Status Of Bill	:	First & Final Bill
In the Presence of :		a) Assistant Engineer,Ward No 7 Kodigehalli Sub division, BBMP, Bangalore b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	**Description of work**	**Comments/Observations**
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
2	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
3	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing , complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory

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4	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete.,complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing one line dressing to granite stone slab / granite stone masonry , complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
6	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately , complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
7	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
8	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
9	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and direction and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory

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10	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
11	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
12	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
13	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1, complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory

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